



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	A/C
PO038598	ACI001-VC	6	1	Net 30	M6061T6R0.563	6061-T6 Round Bar .563 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				120	12/14/2017	120		8023285	Stock	12/15/2017	\$ 1.01 / ft	
		11			M303R1.000	303 Round Bar 1.00 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft				12	12/13/2017	12		8023286	Stock	12/15/2017	\$ 7.90 / ft	
		15			M6061T6B1.250X04.500	6061-T6 Bar 1.25 X 4.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft						12		5023287	Stock	12/15/2017	\$ 22.92 / ft	
		17			M6061T6B1.500X3.000	6061T6 Bar 1.500 X 3.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft						12		5023288	Stock	12/15/2017	\$ 14.02 / ft	
		22			M6061T6.080	6061-T6 .080 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf				144		144		8023289	Stock	12/15/2017	\$ 5.25 / sf	
Total:										300		300						

Plex 12/15/2017 3:07 PM Dart.Dubois Pascal



DELIVERY - CLIENT

CO00066342

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Instruction F-M

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page 1

Credit Terme

Net 30 Days
OUELLETTE VALLEYFIELD

Carrier

Salesman

Processed by

Josianne Bourdon

Your order N°

38598

Delivery date

2017/12/15

Customer N° CLI0001056
Date 2017/12/11

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 ROUND ALU 9/16 6061-T6 RANDOM RAL-916-V 5180 10 X 12' R/L HEAT AC12100-TH-14/12	35.16	120.00	PL \$CLB		10' 12'		120' 1'				
2 ROUND ALU 1 3/4 6061-T6 RANDOM RAL-134-V 5129 1 X 20' HEAT	56.50	20.00	PL \$CLB		12' 12'	B/O					
3 ROUND SS 1 303 RANDOM RSS-1303-V 8519 1 X 12' R/L HEAT AC12100-TH-14/12	32.04	12.00	PL \$CLB		12' 12'		12' 1'				

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00066342

ACIER OUELLETTE INC.
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,
Att : CHANTAL LAVOIE Tél.: 613-632-5200
Delivery Route 5

Customer N°

CL10001056

Date

2017/12/11

Delivery date

2017/12/15

Your order N°

38598

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

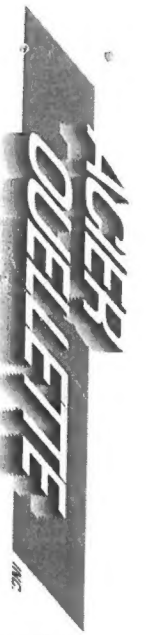
Page

2

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
4 FLAT ALU 1 1/4 X 4 1/2 6061-T6 NS FAL-114412 9693 1 X 12' HEAT ACT12100-TH-14/12	79.38	12.00	PI_\$CLB		12'		12'				
5 FLAT ALU 1 1/2 X 3 6061-T6 RANDOM FAL-1123-V 2445 1 X 12' HEAT TRANSIT ST-JEROME LE 13/12	63.50	12.00	PI_\$CLB		12'		12'				
6 ALU SHEET .081 (12G) 6061-T6 (4 X 12) FEAL-0814126061 3195 3 X 4' X 12' HEAT TRANSIT 13/12	164.30	144.00	PI2_\$CLB		34		144"				

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO000066342

ACIER OUELLETTE INC.
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056
Date 2017/12/11
Delivery date **2017/12/15**

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Your order N° 38598

Processed by Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Instruction F-M

Att : CHANTAL LAVOIE Tél.: 613-632-5200
Delivery Route 5

Page

3

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
7 ALU SHEET .102 (10G) 6061-T6 (4 X 12) FEAL-1024126061 3243 1 X 4' X 12' HEAT TRANSIT ST-JEROME 13/12	68.93	48.00	PI2_\$CLB			1 X 4' X 12'					

Total Weight (lbs) : 499.81

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

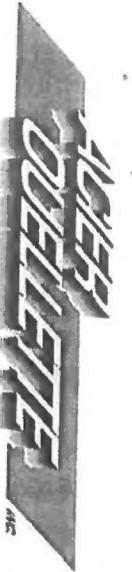
Prepared By : Verified By :

Delivered By : Time

Customer's Signature

Date Y | M | D

Total (\$CAD)



ACIER OUELLETTE INC.
935, Boul. du Hâve
Sainte-Vierge de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy

CO00066342

Customer N°

CL10001056

Date

2017/12/11

Delivery date

2017/12/15

Your order N°

38598

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	OUT		
								I	S	C
1 ROUND ALU 9/16 6061-T6 RANDOM RAL-916-V 5180 10 X 12' R/L HEAT: 201714863 AC12100-TH-14/12	35.16	120.00	PL_\$CLB	10.00						
2 ROUND SS 1 303 RANDOM RSS-1303-V 8519 1 X 12' R/L HEAT: 440180 AC12100-TH-14/12	32.04	12.00	PL_\$CLB	1.00						
3 FLAT ALU 1 1/4 X 4 1/2 6061-T6 NS FAL-114412 9693 1 X 12' HEAT: 201717524 AC12100-TH-14/12	79.38	12.00	PL_\$CLB	1.00						

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy

CO00066342

Customer N° CL10001056
Date 2017/12/11

Delivery date 2017/12/15

Your order N° 38598

Processed by Josiane Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

At: CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page 2

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only						
				CMD	EXP	B/O	IN	I	S	C	OUT		
4 FLAT ALU 1 1/2 X 3 6061-T6 RANDOM FAL-1123-V 2445 1 X 12' HEAT: 384719 TRANSIT ST-JEROME LE 13/12	63.50	12.00	PL_\$CLB	1.00									
5 ALU SHEET .081 (12G) 6061-T6 (4 X 12) FEAL-0814126061 3195 3 X 4' X 12' HEAT: RA27997 13/12 SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE	164.30	144.00	PI2_SCLB	3.00									
			\$	0.00									
Total Weight (LBS): 374.38													

Total Weight (LBS) : 374.38

NIR : R-109516-6

Conditions:
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All test materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By : Time

Customer's Signature

Y M D

Total (\$CAD)

1 603.90

Deposit

0.00

Balance

1 603.90



Can Do.

Service Center Metals

5850 Quality Way
Prince George, VA 23875



CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
929759	2

MANIFEST NUMBER 344426
CUSTOMER PO VIM-643085
CUSTOMER PART NUMBER RD0370
DATE OF SHIPMENT 9/21/2017
ALLOY/TEMPER 6061-T6511
SALES PERSON D. Schroeder (Canada)
DESCRIPTION Lightning Rod Tite 0.562+/-0.004/-0.003
CERTIFICATION
ASTM-B221-14 No Stencil
SPECIFICATION AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification version, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified This product is RoHS-2, REACH, and DFARS compliant

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201714863	9/21/17	min 47.80 max 47.80	min 44.40 max 44.40	min 15.80 max 15.80

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others Total	Melt Source:
01M170825B	201714863	6061	0.76	0.36	0.32	0.10	0.88	0.11	0.05	0.03	97.40	0.05	0.15	United States of America
03E170530A	201714863	6061	0.74	0.36	0.32	0.11	0.89	0.16	0.05	0.03	97.32	0.05	0.15	United States of America

CM products are melted and extruded in the USA

Print Date: 9/21/2017

Calvin J. Wiggins, Director of Quality & Technical Services

Rev 1/2017



Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
934209	6

Can Do.

MANIFEST NUMBER

349714

CUSTOMER PO

VIM-643970

CUSTOMER PART NUMBER

MRB1771

DIE NUMBER

MRB1771

ALLOY/TEMPER

6061-T6511

DATE OF SHIPMENT

11/7/2017

SALES PERSON

D. Schroeder (Canada)

CERTIFICATION

ASTM-B221-14 Stencil Cont

SPECIFICATION

AMS-QQA-200/8 Rev-A

Quantity Certified 2,403 lbs 30 pcs

I hereby certify that the material covered by this report has been inspected in accordance with the most recent specification, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

I aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

CM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DPAAS compliant.

Mechanical Properties

Tests Lot No.

1 201717524

[Signature]

Test Date 11/3/17

Ultimate Tensile Strength (KSI)

min 50.30 max 50.30

Yield Strength (KSI)

min 47.50 max 47.50

Percent Elongation

min 16.60 max 16.60

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others Total	Melt Source:
1191701	201717524	6061	0.74	0.36	0.31	0.09	0.89	0.09	0.07	0.02	97.43	0.05	0.15	United States of America
0241703	201717524	6061	0.75	0.34	0.32	0.11	0.87	0.08	0.06	0.03	97.44	0.05	0.15	United States of America

CM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 11/7/2017

PO.12100

DART

PO.66342

0770-000010

DATE 1

FAL 1123

MILL TEST

CERT CODE: 1		DIE NUMBER S 4769		DATE OF SHIPMENT Jan/19/2017		ORDER NO. 201364 - 1		MANIFEST NO. 363949	
CUSTOMER PO 102749		SALES/REP 6061 T6		SALESMAN HOUSE ACCOUNTS		MADE IN CANADA			
SODSCRIPTION 3" X 1.5" FLAT BAR		CUSTOMER PART NUMBER S004769		3" X 1.5" FLAT BAR		CERTIFICATION MILL TEST ASTM B221-14			


Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell F	Conductivity
A.11	6061	Jan/12/2017	42.40	39.00	13.70	86.0, 86.1, 86.3	

Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	P	Sa	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
384719	A.11	6061	0.6	0.14	0.19	0.03	0.86	0.06	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0	0

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.


David Natale
Quality Control Manager

2448

FAL-1123-V

#710-66542

LAET

LES ACIERS OUELLETTE INC.
HEUILLE ALUMINIUM 6061-T6
0810 Nom X 48.0000" X 144.0000"
PART NO.

PO/Ref: OU-77984
Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
fournisseur du matériel ou les données résultant

de l'analyse faite par notre laboratoire qualifié.
SIGNÉ PAR: LUCY TRUGLIO

Certificate of Mill Test Results
BL VIN-482758-001
31ju16
Pg 1/1

Henan Kindatong Aluminum Industry Co., Ltd.
MILL TEST CERTIFICATE

Name	Lot No.	Size of Coils (feet)	Alloy/ Temper	Chemical Composition (%)											Mechanical Properties		Standard
				Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Others		Al	Tensile Strength (MPa)	Elongation (%)	
												Wt%	Total				
6061 T6 ALUMINIUM SHEET ASTM B209/MMS 4077M and AMS-QQ- A25071	RA2797	0.08"x18"x144"	6061 T6	0.296	0.495	0.267	0.089	0.992	/	0.0283	0.107	0.03	0.13	Remain	295	11.5	GB/T3808-2012
2003 H14 ALUMINIUM SHEET ASTM B209	Z-1601ND046	0.032"x48"x96"	2003 H14	0.094	0.573	0.09	1.027	0.004	0.0046	0.031	0.0087	0.05	0.15	Remain	167	18	GB/T3808-2012
	Z-1601ND046	0.040"x48"x96"	2003 H14	0.086	0.576	0.088	1.032	0.007	0.0032	0.022	0.009	0.05	0.15	Remain	164	23	GB/T3808-2012
	Z-1601ND046	0.125"x48"x96"	2003 H14	0.09	0.517	0.081	1.007	0.006	0.0033	0.017	0.0083	0.05	0.15	Remain	192	25	GB/T3808-2012
	Z-1601ND046	0.125"x48"x120"	2003 H14	0.09	0.517	0.081	1.007	0.006	0.0033	0.017	0.0083	0.05	0.15	Remain	192	25	GB/T3808-2012

UC REF: IDLC19617
Description of Goods under Service:
COVERING 100 PERCENT OF INVOICE VALUE OF GOODS AND/OR SERVICES DESCRIBED AS:
+ 3.542 METRIC TONS 6061 T6 ALUMINIUM SHEET
+ 15.397 METRIC TONS 2003 H14 ALUMINIUM SHEET
CIF TORONTO PORT

Inspector: Shao Jiguo

Date: Jan. 26, 2016

Henan Kindatong Aluminum Industry Co., Ltd.



MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B1.500X3.000

PO BATCH NO: 038598/5023282

DATE: DEC 15 2017

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.500
 THICKNESS RECEIVED: 1.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Astm B221</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Heat# 3B4719</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: ed DAS
 DATE: DEC 15 2017

SIGNED OFF BY: _____
 DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WWW.WWW |
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
2009-05-03
MAD

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (2ND-1)	CP	09.07.13
A	NEW ISSUE	DS	01.08.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DS		
CHECKED	DS		
MFG. APPR.	M6061T6B		
APPROVED	TITLE		
DE APPR.	6061-T6 BAR		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B SHEET 1 OF 1 SCALE NTS	
COPYRIGHT © 2001 BY DART AEROSPACE LTD. THIS DOCUMENT IS UNCLASSIFIED AND NOT CONTROLLED BY DART AEROSPACE LTD. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606H6R0.563
 DATE: DEC 15 2017

PO BATCH NO: 038598/5023205

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 120"
 QUANTITY INSPECTED: 120"
 QUANTITY REJECTED: 0

THICKNESS ORDERED 0.563
 THICKNESS RECEIVED 0.563
 SHEET SIZE ORDERED N/A
 SHEET SIZE RECEIVED N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECT ON	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>Astm 6221</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>Heat # 201714863</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: al DAS
9
 DATE: DEC 15 2017

SIGNED OFF BY: _____
 DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in:

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
 SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/415/4116)
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
 OR ASTM B211 OR ASTM B21

PART NUMBER: M6061T6R(D.DDD) DIA. *ay*

WHERE "D.DDD" = DIAMETER IN INCHES
 EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
 R 2009-09-09 *NP*

B	REFORMAT DWG. ADD B211& B221 SPEC (ZN D6-1), REF PAR 08-020A	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV		BY	DATE
DESIGN		DESCRIPTION	
DRAWN		DART AEROSPACE LTD	
CHECKED		HAWKESBURY, ONTARIO, CANADA	
MFG. APPR.		DRAWING NO.	REV. B
APPROVED		M6061T6R	SHEET 1 OF 1
DE APPR.		TITLE	SCALE
DATE	09.07.13	6061-T6 ROUND BAR	NTS

COPYRIGHT © 2001 BY DART AEROSPACE LTD.
 THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES SPECIFIED ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061 T65-080
 DATE: DEC 15 2017

PO BATCH NO: 038598/6023289

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 144P²
 QUANTITY INSPECTED: 144P²
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.080
 THICKNESS RECEIVED: 0.081
 SHEET SIZE ORDERED: 4X12
 SHEET SIZE RECEIVED: 4X12

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>Astm B209</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>Heat # RA 27997</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: [Signature]
 DATE: DEC 15 2017

SIGNED OFF BY: _____
 DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209

PART NUMBER: M6061T6S|XXX|THK

WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S.063

PREFERRED SIZE: .XXX BY 4FT BY 8FT

RELEASED
2009-09-10

B	REFORMAT DWG. ADD B209 SPEC (ZN 08-1).	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR			
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO M6061T6S			
REV B SHEET 1 OF 1			
TITLE 6061-T6 SHEET SPEC			
SCALE NTS			
DATE 09.07.13			
COPYRIGHT © 2001 BY DART AEROSPACE LTD. THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. AND IS NOT TO BE USED FOR ANY PURPOSE OR FOR ANY OTHER PROJECTS TO WHICH IT IS NOT INTENDED WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R 1.000
 DATE: DEC 15 2017

PO / BATCH NO. 038398/5023286

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12"
 QUANTITY INSPECTED: 12"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000
 THICKNESS RECEIVED: 1.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>As per A582</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>Heat # 440180</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u>	DAS 9	SIGNED OFF BY: _____
DATE: <u>DEC 15 2017</u>		DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION: ASTM A582

PART NUMBER: M303R(D DDD)

DIA.

WHERE "D DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M303R0.750

RELEASED
2010-02-02
JND

B	REFORMAT DWG. ADD SPECS (ZN D8-1), REF PAR 08-020A	CP	10.01.05
A	NEW ISSUE	DS	01.12.20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M303R		REV. B SHEET 1 OF 1	
TITLE 303 ROUND BAR		SCALE NTS	
COPYRIGHT © 2001 BY DART AEROSPACE LTD. THIS DOCUMENT CONTAINS UNCLASSIFIED INFORMATION AND IS NOT TO BE RELEASED TO ANY OTHER PERSON OR ORGANIZATION WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061 T6 B1.250X 04.500
 DATE: DEC 15 2017

PO / BATCH NO.: 038598/5023287

MATERIAL CERT REC'D: Xm
 QUANTITY RECEIVED: 12"
 QUANTITY INSPECTED: 12"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.25'
 THICKNESS RECEIVED: 1.25'
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/> N	
CORRECT THICKNESS	Y <input checked="" type="radio"/> N	<u>As per B221</u>
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N	<u>Heat # 201717524</u>
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION

INSPECTED BY: [Signature] DAS
 9
 DATE: DEC 15 2017

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: _____
 DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WW.WWW
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-08-03
MJP

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	REV. B
M6061T6B	SHEET 1 OF 1
TITLE	SCALE
6061-T6 BAR	NTS
COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	